

CLAIMS

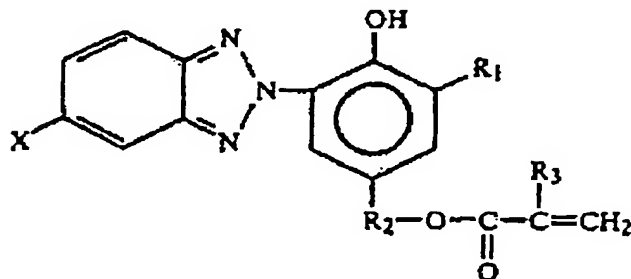
1. A methacrylic resin composition comprising a methacrylic resin composition (C) obtained by polymerizing a methacrylate polymer (A) in the presence of acrylic crosslinked elastic particles (B),

the methacrylate polymer (A) being obtained by polymerizing a monomer mixture including 50 to 100 wt% of alkyl methacrylate and 0 to 50 wt% of alkyl acrylate,

the acrylic crosslinked elastic particle (B) being obtained by copolymerizing a monomer mixture (b) including 50 to 100 wt% of alkyl acrylate and 50 to 0 wt% of alkyl methacrylate, and a polyfunctional monomer including two or more non-conjugated double bonds per a molecule,

wherein 0.01 to 30 parts by weight of an ultraviolet absorber represented by the general formula (1) is copolymerized relative to 100 parts by weight of the methacrylic resin composition (C),

[Chemical Formula 1]



General Formula (1)

(where X is H or halogen; R₁ is H, methyl, or a t-alkyl group having 4 to 6 carbons; R₂ is a linear or a branched alkylene group having 2 to 10 carbons; and R₃ is H or methyl).

2. The methacrylic resin composition (C) in accordance with claim 1, wherein

the methacrylic resin composition (C) is a two-layer structure polymer of the acrylic crosslinked elastic particles (B), and then the methacrylate polymer (A),

an average particle size of the methacrylic resin composition (C) is more than 100 nm and 400 nm or less, and

the acrylic crosslinked elastic particle (B) content is 5 to 45 wt%.

3. A film formed with the methacrylic resin composition (C) in accordance with claim 1 or 2.

4. A laminate in which the film in accordance with claim 3 is laminated.

5. The laminate in accordance with claim 4, produced by an injection molding.

6. A methacrylic resin film for being laminated on a molded article comprising a polyvinyl chloride resin composition containing a plasticizer,

said methacrylic resin film comprising a methacrylic resin composition (C) being obtained by polymerizing a methacrylate polymer (A) in the presence of acrylic crosslinked elastic particles (B),

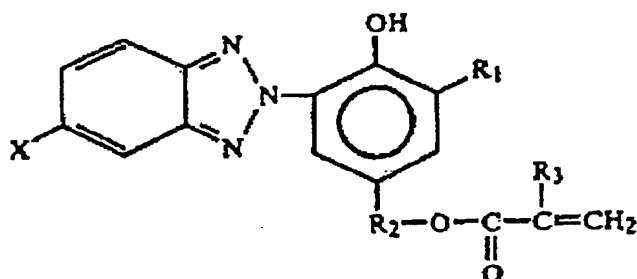
the methacrylate polymer (A) being obtained by

polymerizing a monomer mixture including 50 to 100 wt% of alkyl methacrylate and 0 to 50 wt% of alkyl acrylate, and

the acrylic crosslinked elastic particles (B) being obtained by copolymerizing a monomer mixture (b) including 50 to 100 wt% of alkyl acrylate and 50 to 0 wt% of alkyl methacrylate, and a polyfunctional monomer including two or more non-conjugated double bonds per a molecule,

wherein 0.01 to 30 parts by weight of an ultraviolet absorber represented by the general formula (1) is copolymerized relative to 100 parts by weight of the methacrylic resin composition (C),

[Chemical Formula 2]



General Formula (1)

(where X is H or halogen; R₁ is H, methyl, or a t-alkyl group having 4 to 6 carbons; R₂ is a linear or branched alkylene group having 2 to 10 carbons; and R₃ is H or methyl.)

7. The methacrylic resin film for being laminated on a molded article comprising a polyvinyl chloride resin composition containing a plasticizer in accordance with claim 6,

wherein the methacrylic resin composition (C) is a two-layer structure polymer of the acrylic crosslinked elastic particles (B), and then the methacrylate polymer (A),

an average particle size of the methacrylic resin composition (C) is more than 100 nm and 400 nm or less, and

the acrylic crosslinked elastic particle (B) content is 5 to 45 wt%.

8. The methacrylic resin film for being laminated on a molded article comprising a polyvinyl chloride resin composition containing a plasticizer in accordance with claim 6 or 7, wherein the ultraviolet absorber represented by the general formula (1) is copolymerized with the acrylic crosslinked elastic particles (B).

9. A vinyl chloride laminate in which a methacrylic resin film for being laminated on a molded article comprising a polyvinyl chloride resin composition containing a plasticizer in accordance with any of claims 6 to 8 is laminated.